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01/25/02

UTILITY PATENT APPLICATION TRANSMITTAL <small>Only for nonprovisional applications under 37 CFR § 1.53(b)</small>	Attorney Docket No.	500986.02	January 25, 2002
	First Inventor or Application Identifier		Sion C. QUINLAN
	Title	SEMICONDUCTOR PACKAGE ASSEMBLY AND METHOD FOR ELECTRICALLY ISOLATING MODULES	
	Express Mail Label No.	EL872039087US	

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Box Patent Application Commissioner of Patents Washington, D.C. 20231
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1. <input checked="" type="checkbox"/> Fee Transmittal Sheet (+ copy) (Submit an original and a duplicate for fee processing)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input type="checkbox"/> Applicant(s) Claim(s) Small Entity Status	8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
3. <input checked="" type="checkbox"/> Specification [Total Pages] 21 (preferred arrangement set forth below)	a. <input type="checkbox"/> Computer-Readable Form (CRF)
- Descriptive Title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper
4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets] 3	c. <input type="checkbox"/> Statement verifying identity of above copies
5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages] 2	ACCOMPANYING APPLICATION PARTS
a. <input checked="" type="checkbox"/> Newly executed (original or copy)	9. <input type="checkbox"/> Certification Under 35 U.S.C. 122(b)(2)(B)(i)
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)	10. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))
i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)	11. <input checked="" type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input checked="" type="checkbox"/> Power of Attorney
6. <input checked="" type="checkbox"/> Application Data Sheet (37 C.F.R. 1.76)	12. <input type="checkbox"/> English Translation Document (if applicable)
	13. <input type="checkbox"/> Preliminary Amendment Total Pages _____
	14. <input checked="" type="checkbox"/> Return Receipt Postcard
	15. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations
	16. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)
	17. <input checked="" type="checkbox"/> Other: <u>Certificate of Express Mail</u> <u>Check</u>

18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment

☐ Continuation ☐ Divisional ☐ Continuation-In-Part (CIP) of prior Application No.: _____ Filed _____

Prior application information: Examiner _____ Group / Art Unit _____

☐ Incorporation By Reference (useable if box 5b is checked)
 The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

☐ Claims the benefit of Provisional Application No. _____

CORRESPONDENCE ADDRESS

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TYPED or PRINTED NAME Andrew F. PrattREGISTRATION NO. 48,985SIGNATURE Andrew F. PrattDate January 25, 2002

01/25/02



FEE TRANSMITTAL SHEET (FOR FY 2002)

Complete if Known

Express Mail No.	EL872039087US
Filing Date	Concurrently Herewith
First Named Inventor	Sion C. QUINLAN
Group Art Unit	Not Yet Assigned
Examiner	Not Yet Assigned
Atty. Docket Number	500986.02

METHOD OF PAYMENT (Check One)

1. ☒ The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2. ☒ Check Enclosed

FEE CALCULATION

BASIC FILING FEE

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
101	740	201	370	<input checked="" type="checkbox"/> Utility Filing Fee
106	330	206	165	<input type="checkbox"/> Design Filing Fee
108	740	208	370	<input type="checkbox"/> Reissue Filing Fee
114	160	214	80	<input type="checkbox"/> Provisional Filing Fee
Subtotal (1)				\$ 740

EXTRA CLAIM FEES

Current Claims	Prior	Extra	Fee	Fee Paid
Total	89	- 20	= 69 x \$ 18	= \$ 1242
Ind.	7	- 3	= 4 x \$ 84	= \$ 336
Multiple Dependent Claims			x \$	= \$ 0
Subtotal (2)				\$ 1578

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent Claim
109	80	209	40	Reissue independent claims over original patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

FEE CALCULATION (Continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - Late filing fee or oath	\$
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	\$
139	130	139	130	Non-English specification	\$
147	2,520	147	2,520	For Filing a Request for Reexamination	\$
195	300	196	300	Publication (early or Republication)	\$
115	110	215	55	Extension for reply within first month	\$
116	400	216	200	Extension for reply within 2 nd month	\$
117	920	217	460	Extension for reply within 3 rd month	\$
118	1,440	218	720	Extension for reply within 4 th month	\$
128	1,960	280	980	Extension for reply within 5 th month	\$
120	320	220	160	Filing a brief in support of an appeal	\$
121	280	270	140	Request for oral hearing	\$
148	110	248	55	Terminal Disclaimer Fee	\$
140	110	240	55	Petition to revive - unavoidable	\$
141	1,280	241	640	Petition to revive - unintentional	\$
142	1,280	242	640	Utility/Reissue issue fee (+ advance copies)	\$
143	460	243	230	Design issue fee (+ advance copies)	\$
122	130	122	130	Petitions to the Commissioner	\$
123	50	123	50	Petitions related to provisional applications	\$
126	180	126	180	Submission of IDS	\$
581	40	81	40	Recording each patent assignment per property (times number of properties)	\$ 40
179	740	279	370	Request for Continued Examination (RCE)	\$
Other fee (specify)					\$
Subtotal (3)					\$40
Total Amount of Payment:					\$ 2358

Submitted by:

Name: Andrew F. Pratt

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Signature:

Date: January 25, 2002

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Sion C. QUINLAN and Tim J. BALES Attorney Docket No.: 500986.02
Filed : January 25, 2002
Title : SEMICONDUCTOR PACKAGE ASSEMBLY AND METHOD FOR
ELECTRICALLY ISOLATING MODULES

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

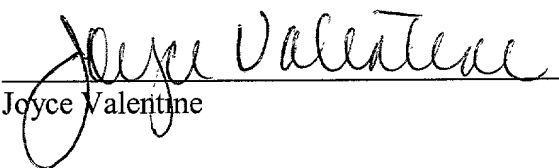
BOX PATENT APPLICATION
Commissioner for Patents
Washington, DC 20231

Sir:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL872039087US, on January 25, 2002, addressed to Box Patent Application, Commissioner for Patents, Washington, DC 20231.

Respectfully submitted,

DORSEY & WHITNEY LLP


Joyce Valentine

AFP:pjv

Enclosures:

- Postcard
- Check
- PTO/SB/05 Utility Patent Application Transmittal
- Application Data Sheet
- Fee Transmittal Sheet (+ copy)
- General Authorization
- Specification, Claims, Abstract (21 pages)
- 3 Sheets of Drawings (Figures 1-7)
- Declaration
- Election and Power of Attorney
- Form PTO-1595
- Assignment
- Information Disclosure Statement
- Form PTO-1449
- Cited References - 28